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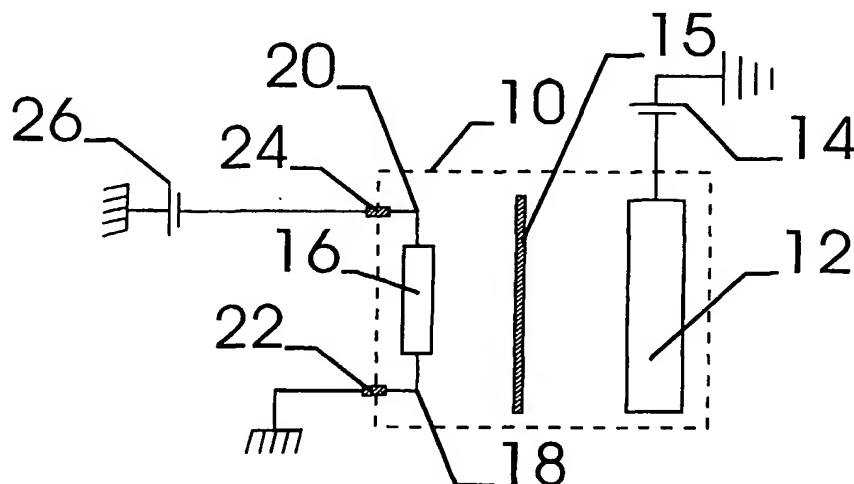
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(54) Title: HEATING IN A VACUUM ATMOSPHERE IN THE PRESENCE OF A PLASMA



(57) Abstract: A method of heating in a vacuum atmosphere in the presence of a plasma, comprises the following steps :a) providing infrared radiation means (16) in a vacuum chamber(10) ;b) providing a first electrical conductor (18) to the infrared radiation means (16) ;c) providing a second electrical conductor (20) from the infrared radiation means (16) ;d) putting an electrical voltage over said infrared radiation means (16) ; e) preventing the first conductor (18) and the second conductor (20) from having an electrical voltage above +55 Volt.The advantage is that arcing is avoided.